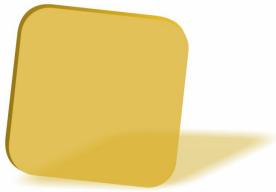


# laservision

## laser safety window P1P20 (6mm)



### Highlights

The laser protection window type P1P20 consists of a light gold-colored, absorbent plastic with a scratch-resistant coating and a thickness of 6mm. The laser protection is based on absorption of the laser radiation in the material itself. The window has a daylight transmission of approx. 52% and has a very good visual brightness and good color vision. The laser safety window laservision P1P20 is certified according to the current EN 60825-4 and has protective limit radiation (SGB) for 105s (test class T2): 10600W / m<sup>2</sup>.

Articlenumber: 000P1P202602

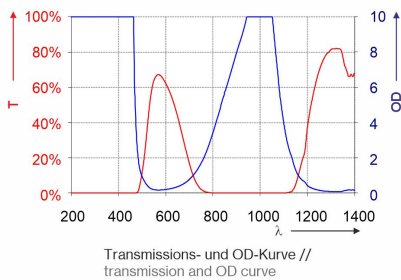
GTIN: 4050369051409

Unit: 1 Stück

Weight incl. packaging 0,45 kg

Weight excl. packaging: 0,45 kg

### Filtercurve



<b>COATING:</b>	Anti-scratch on both sides
<b>COLOUR:</b>	gold
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	6mm
<b>PROTECTION CLASS / NORM:</b>	EN 60825-4
<b>PROTECTION RANGE:</b>	near infrared, visible, ultraviolet
<b>VLT (APPROX.):</b>	52%
<b>VISUAL BRIGHTNESS:</b>	Very good
<b>COLOUR RECOGNITION:</b>	Good

## laser safety window P1P20 (6mm)

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 462	(OD8+)	D LB7 + IR LB8 + M LB8Y
>462 - 466	(OD6+)	DIRM LB6
800 - <830	(OD3+)	DIRM LB3
830 - <850	(OD4+)	DIRM LB4
850 - <880	(OD5+)	DIRM LB5
880 - <910	(OD6+)	DIRM LB6
910 - <940	(OD7+)	DIRM LB7
940 - <955	(OD8+)	D LB7 + IR LB8 + M LB8Y
955 - <975	(OD9+)	D LB7 + IR LB8 + M LB8Y
975 - 1035	(OD10+)	D LB7 + IR LB8 + M LB8Y
>1035 - 1045	(OD9+)	D LB7 + IR LB8 + M LB8Y
>1045 - 1055	(OD8+)	D LB7 + IR LB8 + M LB8Y
>1055 - 1064	(OD7+)	DIRM LB7
>1064 - 1075	(OD6+)	DIRM LB6
>1075 - 1084	(OD5+)	DIRM LB5
>1084 - 1095	(OD4+)	DIRM LB4
>1095 - 1105	(OD3+)	DIRM LB3
5180 - 14700	(OD10+)	DI LB5 + R LB3Y

## DIN EN 60825-4

200-469nm | 102 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

850-1084nm | 102 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

4700-25000nm | 102 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

## laser safety window P1P20 (6mm)

### OD

Wellenlänge (NM)	OD
180 - 458	(OD10+)
>458 - 462	(OD8+)
>462 - 466	(OD6+)
800 - <830	(OD3+)
830 - <850	(OD4+)
850 - <880	(OD5+)
880 - <910	(OD6+)
910 - <940	(OD7+)
940 - <955	(OD8+)
955 - <975	(OD9+)
975 - 1035	(OD10+)
>1035 - 1045	(OD9+)
>1045 - 1055	(OD8+)
>1055 - 1064	(OD7+)
>1064 - 1075	(OD6+)
>1075 - 1084	(OD5+)
>1084 - 1095	(OD4+)
>1095 - 1105	(OD3+)
5180 - 14700	(OD10+)